



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b> Application Number 09/970,453 Filing Date October 2, 2001 First Named Inventor Eyal, Shulamit Art Unit 1641 Examiner Name Cook, Lisa V. Attorney Docket Number 20174C-002410US	
Sheet	1	of	8

U.S. PATENT DOCUMENTS*					
Examiner Initials <sup>1</sup>	Cite No.	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
J.C.	A1	US-5,570,515	03-16-1971	Kinner	
	A2	US-3,747,628	07-24-1973	Holster et al.	
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	A7	US-4,434,704	03-05-1984	Surjestmadja	
	A8	US-4,898,562	02-05-1990	Feste	
	A9	US-5,085,562	02-04-1992	Van Lintel	
	A10	US-5,086,515	02-18-1992	Kamen	
	A11	US-5,096,368	03-17-1992	Weinberg	
	A12	US-5,126,116	06-30-1992	Fujita et al.	
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	A19	US-5,338,082	05-09-1994	Richter	
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	A31	US-5,705,018	01-06-1998	Hartley	
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	A40	US-6,007,309	12-28-1999	Hartley	
J.C.	A41	US-6,043,080	03-29-2000	Lipshutz et al.	

Examiner Signature	<i>Lisa V. Cook</i>	Date Considered	1/11/05
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PTOSB/GIA (08-03)

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet **2** of **8**

Complete If Known

Application Number	09/870,453
Filing Date	October 2, 2001
First Named Inventor	Eyal, Shulamit
Art Unit	1641
Examiner Name	Cook, Lisa V.
Attorney Docket Number	20174C-002410US

## U.S. PATENT DOCUMENTS+

Examiner Initials*	City No.	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>3</sup> (If Known)			
L/C	A42	US-6,123,769		09-26-2000	Sanjoh	
	A43	US-6,155,282		12-05-2000	Zachary et al.	
	A44	US-6,174,365 B1		01-16-2001	Sanjoh	
	A45	US-6,266,673 B1		10-02-2001	Santamero et al.	
L/C	A46	US-6,409,832 B1		06-25-2002	Weigl et al.	

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Examiner Initials*	City No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>4</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (If Known)				
L/C	B1	EPO	EP 0 592 094	A2	04-13-1994			<input type="checkbox"/>
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	B4	EPO	EP 0 779 436	A2	06-18-1997			<input type="checkbox"/>
	B5	EPO	EP 0 829 360	A2	03-18-1998			<input type="checkbox"/>
	B6	EPO	EP 0 845 603	A1	06-03-1998			<input type="checkbox"/>
	B7	EPO	EP 0 999 055	A2	05-10-2000			<input type="checkbox"/>
	B8	GB	2 155 152	A	09-18-1985			<input type="checkbox"/>
	B9	GB	2 308 460	A	06-25-1997			<input type="checkbox"/>
	B10	PCT	WO 88/07069	A1	02-19-1988			<input type="checkbox"/>
	B11	PCT	WO 89/17093	A1	04-08-1989			<input type="checkbox"/>
L/C	B12	PCT	WO 00/80345	A1	10-12-2000			<input type="checkbox"/>

Examiner Signature

Lisa V. Cook

Date Considered

4/11/05

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		Art Unit	1641
		Examiner Name	Cook, Lisa V.
		Attorney Docket Number	20174C-002410US
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NON PATENT LITERATURE DOCUMENTS			
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LVC	C1	"Acousto-Optic Modulators" evaluable at <a href="http://www.brimrose.com/acousto_modulators.html">www.brimrose.com/acousto_modulators.html</a> , 9-27-2000	
	C2	AHN et al., "Fluid Micropumps Based on Rotary Magnetic Actuators," Proceedings of 1995 IEEE Micro Electro Mechanical Systems Workshop (MEMS '95), held in Amsterdam, Netherlands on 1/29-2/2/1995, pgs. 408-412.	
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	C5	BRYZEK et al., "Micromachines on the March", IEEE Spectrum, 1994, pp. 20-31, Vol. 31, No. 5	
	C6	BUCHAILLOT et al., "Silicon nitride thin films Young's modulus determination by an optical non-destructive method", Jpn. J Appl Phys, 1995, pp. L794-L797, Vol. 36, No. 2:68	
	C7	CHIU et al., "Patterned Deposition of Cells and Proteins onto Surfaces by Using Three-Dimensional Microfluidic Systems", Proc. Natl. Acad. Sci., 2000, pp. 2408-2413, Vol. 97, No. 6	
	C8	DELAMARCHE et al., "Patterned delivery of immunoglobulins to surfaces using microfluidic networks", Science, 1997, pp. 779-781, Vol. 276	
	C9	DUFFY et al., "Patterning Electroluminescence Materials with Feature Sizes as Small as 5µm Using Elastomeric Membranes as Masks for Dry Lift-Off", Advanced Materials, 1999, pp. 546-552, Vol. 11, No. 7	
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Examiner Signature	<i>Lisa Cook</i>	Date Considered	1/11/05
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PTO/S3/08B (04-03)

(Patent Application for form 1449B/PTO)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	4	of	8	Attorney Docket Number	20174C-002410US
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Art Unit	1641
Examiner Name	Cook, Lisa V.

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Lyc	C13	EFFENHAUSER et al.; "Integrated chip-based capillary electrophoresis," Electrophoresis, 1997, pp. 2203-2213, Vol. 18	
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		Filing Date	October 2, 2001		
		First Named Inventor	Eyal, Shulamit		
		Art Unit	1641		
		Examiner Name	Cook, Lisa V.		
Sheet	5	of	8	Attorney Docket Number	20174C-002410US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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Sheet	6	of	8
		Application Number	09/970,453
		Filing Date	October 2, 2001
		First Named Inventor	Eyal, Shulamit
		Art Unit	1641
		Examiner Name	Cook, Lisa V.
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
LVC	C37	PETHIG & MARKX "Applications of dielectrophoresis in biotechnology," Tibtech, 15:426-432 (1997).	
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	C42	SCHASFOORT et al., "Field-Effect Flow Control for Microfabricated Fluidic Networks," Science, 1999, 286:942-945.	
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LVC	C49	Ullmann's Encyclopedia of Industrial Chemistry, Sections 6 to 6.3, Topic: Carbon Black, Sixth Edition, 1999	

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Subtitle of Invention Form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
Sheet	7	of	8
Application Number		09/970,453	
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LVC	C50	VAN DE POL et al., "Micro Liquid Handling Devices - A Review", Micro Systems Technologies, 1990, pp. 799-805, Vol. 90.	
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Examiner Signature	<i>Lisa V. Cook</i>	Date Considered	1/11/05
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LVC	C62	Zengerle et al., "Performance Simulation of Microminiaturized Membrane Pumps," from 7th International Conference on Solid-State Sensors and Actuators held 6/7-10/93 in Yokohama Japan, pages 106-109	

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